

ICD-10-PCS

The complete official code set

Codes valid from October 1, 2025
through September 30, 2026

SAMPLE

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Introduction

ICD-10-PCS: The Complete Official Code Set is your definitive coding resource for procedure coding in acute inpatient hospitals. In addition to the official ICD-10-PCS Coding System Files, revised and distributed by the Centers for Medicare and Medicaid Services (CMS), Optum's coding experts have incorporated Medicare-related coding edits and proprietary features, such as coding tools and appendixes, into a comprehensive and easy-to-use reference.

This manual provides the most current information that was available at the time of publication. For updates to official source documents that may have occurred after this manual was published, please refer to the following:

- CMS International Classification of Disease, 10th Revision, Procedural Coding System (ICD-10-PCS):**
<https://www.cms.gov/medicare/coding-billing/icd-10-codes/2025-icd-10-pcs>
- CMS Inpatient Prospective Payment System (IPPS) and v42 MS-DRG Data Files, FY 2026**
<https://www.cms.gov/medicare/payment/prospective-payment-systems/acute-inpatient-pps/fy-2025-ipp-pps-proposed-rule-home-page>
<https://www.cms.gov/medicare/payment/prospective-payment-systems/acute-inpatient-pps/ms-drg-classifications-and-software>
- American Hospital Association (AHA) Coding Clinics**
<https://www.codingclinicadvisor.com/>

ICD-10-PCS Code Structure

All codes in ICD-10-PCS are seven characters long. Each character in the seven-character code represents an aspect of the procedure, as shown in the following diagram of characters from the main section of ICD-10-PCS, called the Medical and Surgical section.

Section	Body System	Root Operation	Body Part	Approach	Device	Qualifier
1	2	3	4	5	6	7

One of 34 possible alphanumeric values—using the digits 0–9 and letters A–H, J–N, and P–Z—can be assigned to each character in a code. The letters O and I are not used so as to avoid confusion with the digits 0 and 1. A code is derived by choosing a specific value for each of the seven characters, based on details about the procedure performed. Because the definition of each character is a function of its physical position in the code, the same value placed in a different position means something different; the value 0 as the first character means something different from 0 as the second character or as the third character, and so on.

The first character always determines the broad procedure category, or section. The second through seventh characters have the same meaning within a specific section, but these meanings can change in a different section. For example, the sixth character means “device” in the Medical and Surgical section but “qualifier” in the Imaging section.

ICD-10-PCS Manual

Index

Codes may be found in the index based on the general type of procedure (e.g., resection, transfusion, fluoroscopy), or a more commonly used term (e.g., appendectomy). For example, the code for percutaneous intraluminal dilation of the coronary arteries with an intraluminal device can be found in the Index under *Dilation*, or a synonym of *Dilation* (e.g., angioplasty). The Index then specifies the first three or four values of the code or directs the user to see another term.

Example:

Dilation
Artery
Coronary
One Artery 0270

Based on the first three values of the code provided in the Index, the corresponding table can be located. In the example above, the first three values indicate table 027 is to be referenced for code completion.

The tables and characters are arranged first by number and then by letter for each character (tables for 00-, 01-, 02-, etc., are followed by those for 0B-, 0C-, 0D-, etc., followed by 0B1, 0B2, etc., followed by 0BB, 0BC, 0BD, etc.).

Note: The Tables section must be used to construct a complete and valid code by specifying the last three or four values.

Tables

The tables in ICD-10-PCS provide the valid combination of character values needed to build a unique procedure code. Each table is preceded by the first three characters of the code, along with their descriptions. In the Medical and Surgical section, for example, the first three characters contain the name of the section (character 1), the body system (character 2), and the root operation performed (character 3).

Listed underneath the first three characters is a table comprising four columns and one or more rows. The four columns in the table specify the last four characters needed to complete the ICD-10-PCS code. Depending on the section, the labels for each column may be different. In the Medical and Surgical section, they are labeled body part (character 4), approach (character 5), device (character 6), and qualifier (character 7). Each row in the table specifies the valid combination of values for characters 4 through 7.

Placement Section (2)

The Placement section includes codes for procedures that put a device in an orifice or on a body region, without making an incision or a puncture.

Character Meanings

The seven characters in the Placement section have the following meaning:

Character	Meaning
1	Section
2	Body System
3	Root Operation
4	Body Region
5	Approach
6	Device
7	Qualifier

Section (Character 1)

Placement procedure codes have a first character value of 2.

Body System (Character 2)

The second character contains two values specifying either *Anatomical Regions* or *Anatomical Orifices*.

Root Operation (Character 3)

The third character represents the root operation, or the primary objective, of the procedure. There are seven values available in this section. Two of the values specify root operations as defined in the Medical and Surgical section and include *Change* and *Removal*. The other five values are specific to this section only and are defined as follows:

- *Compression*: Putting pressure on a body region
- *Dressing*: Putting material on a body region for protection
- *Immobilization*: Limiting or preventing motion of an external body region
- *Packing*: Putting material in a body region or orifice
- *Traction*: Exerting a pulling force on a body region in a distal direction

Body Region (Character 4)

The fourth character represents the specific body region or orifice. The body system (second character) provides only a general indication of the procedure site. The body region values and body system values, together, precisely describe the procedure site.

Approach (Character 5)

The fifth character represents the approach. Since all placement procedures are performed directly or indirectly on the skin or mucous membrane, the approach value is always *External*.

Device (Character 6)

The sixth character represents a device placed during the procedure, where applicable.

Except for devices used for fractures and dislocations, devices in this section are off the shelf and do not require any extensive design, fabrication, or fitting.

Qualifier (Character 7)

The seventh character is a qualifier. Because there are currently no specific qualifier values in this section, the value is always *No Qualifier*.

Administration Section (3)

The Administration section includes infusions, injections, and transfusions, as well as other related procedures, such as irrigation and tattooing. All codes in this section define procedures in which a diagnostic or therapeutic substance is given to the patient.

Character Meanings

The seven characters in the Administration section have the following meaning:

Character	Meaning
1	Section
2	Body System
3	Root Operation
4	Body System/Region
5	Approach
6	Substance
7	Qualifier

Section (Character 1)

Administration procedure codes have a first character value of 3.

Body System (Character 2)

The second character can represent the general physiological system, anatomical region, or device to which a substance is being administered. The three values available in this section are *Indwelling Device*, *Physiological Systems and Anatomical Regions*, and *Circulatory System*.

Root Operation (Character 3)

The third character represents the root operation, or the primary objective, of the procedure. There are three values available in this section.

- *Introduction*: Putting in or on a therapeutic, diagnostic, nutritional, physiological, or prophylactic substance except blood or blood products
- *Irrigation*: Putting in or on a cleansing substance
- *Transfusion*: Putting in blood or blood products

Body/System Region (Character 4)

The fourth character represents the body system/region. The fourth character identifies the site where the substance is administered, not the site where the substance administered takes effect. Sites include *Skin and Mucous Membranes*, *Subcutaneous Tissue*, and *Muscle*. These differentiate intradermal, subcutaneous, and intramuscular injections, respectively. Other sites include *Eye*, *Respiratory Tract*, *Peritoneal Cavity*, and *Epidural Space*.

The body systems/regions for arteries and veins are *Peripheral Artery*, *Central Artery*, *Peripheral Vein*, and *Central Vein*. The *Peripheral Artery* or *Vein* is typically used when a substance is introduced locally into an artery or vein. For example, chemotherapy is the introduction of an antineoplastic substance into a peripheral artery or vein by a percutaneous approach. In general, the substance introduced into a peripheral artery or vein has a systemic effect.

ICD-10-PCS Index and Tabular Format

The *ICD-10-PCS: The Complete Official Code Set* is based on the official version of the International Classification of Diseases, 10th Revision, Procedure Classification System, issued by the U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services. This book is consistent with the content of the government's version of ICD-10-PCS and follows their official format.

Index

The Alphabetic Index can be used to locate the appropriate table containing all the information necessary to construct a procedure code, however, the PCS tables should always be consulted to find the most appropriate valid code. Users may choose a valid code directly from the tables—he or she need not consult the index before proceeding to the tables to complete the code.

Main Terms

The Alphabetic Index reflects the structure of the tables. Therefore, the index is organized as an alphabetic listing. The index:

- Is based on the value of the third character
- Contains common procedure terms
- Lists anatomic sites
- Uses device terms

The main terms in the Alphabetic Index are root operations, root procedure types, or common procedure names. In addition, anatomic sites from the Body Part Key and device terms from the Device Key have been added for ease of use.

Examples:

Resection (root operation)

Fluoroscopy (root type)

Prostatectomy (common procedure name)

Brachiocephalic artery (body part)

Bard® Dulex™ mesh (device)

The index provides at least the first three or four values of the code, and some entries may provide complete valid codes. However, the user should always consult the appropriate table to verify that the most appropriate valid code has been selected.

Root Operation and Procedure Type Main Terms

For the *Medical and Surgical* and related sections, the root operation values are used as main terms in the index. The subterms under the root operation main terms are body parts. For the Ancillary section of the tables, the main terms in the index are the general type of procedure performed.

Examples:

Biofeedback GZC9ZZZ

Destruction

Acetabulum

Left ØQ55

Right ØQ54

Adenoids ØC5Q

Ampulla of Vater ØF5C

Planar Nuclear Medicine Imaging

Abdomen CW1Ø

See Reference

The second type of term in the index uses common procedure names, such as “appendectomy” or “fundoplication.” These common terms are listed as main terms with a “see” reference noting the PCS root operations that are possible valid code tables based on the objective of the procedure.

Examples:

Tendonectomy

see Excision, Tendons ØLB

see Resection, Tendons ØLT

Use Reference

The index also lists anatomic sites from the Body Part Key and device terms from the Device Key. These terms are listed with a “use” reference. The purpose of these references is to act as an additional reference to the terms located in the Appendix Keys. The term provided is the Body Part value or Device value to be selected when constructing a procedure code using the code tables. This type of index reference is not intended to direct the user to another term in the index, but to provide guidance regarding character value selection. Therefore, “use” references generally do not refer to specific valid code tables.

Examples:

CoAxia NeuroFlo catheter

use Intraluminal Device

Epitrochlear lymph node

use Lymphatic, Left Upper Extremity

use Lymphatic, Right Upper Extremity

SynCardia Total Artificial Heart

use Synthetic Substitute

Code Tables

ICD-10-PCS contains 17 sections of Code Tables organized by general type of procedure. The first three characters of a procedure code define each table. The tables consist of columns providing the possible last four characters of codes and rows providing valid values for each character. Within a PCS table, valid codes include all combinations of choices in characters 4 through 7 contained in the same row of the table. All seven characters must be specified to form a valid code.

There are three main sections of tables:

- Medical and Surgical section:
 - *Medical and Surgical* (Ø)
- Medical and Surgical-related sections:
 - *Obstetrics* (1)
 - *Placement* (2)
 - *Administration* (3)
 - *Measurement and Monitoring* (4)
 - *Extracorporeal or Systemic Assistance and Performance* (5)
 - *Extracorporeal or Systemic Therapies* (6)
 - *Osteopathic* (7)

ICD-10-PCS Additional Features

Use of Official Sources

Color-coding, icons, and other annotations in this manual identify coding and reimbursement edits derived from the inpatient prospective payment system (IPPS) official tables and data files and from the MS-DRG Grouper software.

In most instances, FY 2026 data from the above sources were not available at the time this book was printed. In an effort to make available the most current source information, Optum has provided a document identifying FY 2026 changes to edit designations for ICD-10-PCS codes. Edit changes identified in this document may include:

- Hospital-acquired condition
- Noncovered procedures
- Limited coverage procedures
- Valid operating room procedures
- DRG nonoperating room procedures
- Nonoperating room procedures
- New-technology add-on payment

This document can be accessed at the following:

[https://www.optumcoding.com/ProductUpdates/Title: "2026 ICD-10-PCS Edit Changes" Password: PCS](https://www.optumcoding.com/ProductUpdates/Title:)

Table Notations

Many tables in ICD-10-PCS contain color or symbol annotations that may aid in code selection, provide clinical or coding information, or alert the coder to reimbursement issues affected by the PCS code assignment. These annotations may be displayed on or next to a character 4, character 6, or character 7 value. Please note that some values may have more than one annotation; this is true most often with the character 4 value.

Refer to the color/symbol legend at the bottom of each page in the tables section for an abridged description of each color and symbol.

Annotation Box

An annotation box has been appended to all tables that contain color-coding or symbol annotations. The color bar or symbol attached to a character value is provided in the box, as well as a list of the valid PCS code(s) to which that edit applies. The box may also list conditional criteria that must be met to satisfy the edit.

For example, see Table 00F. Four character 4 body part values have a gray color bar. In the annotation box below the table, the gray color bar is defined as "Non-OR," or a nonoperating room procedure edit. Following the Non-OR annotation are the PCS codes that are considered nonoperating room procedures from that row of Table 00F.

Bracketed Code Notation

The use of bracketed codes is an efficient convention to provide all valid character value alternatives for a specific set of circumstances. The character values in the brackets correspond to the valid values for the character in the position the bracket appears.

Examples:

In the annotation box for Table 00F the Noncovered Procedure edit (NC) applies to codes represented in the bracketed code 00F[3,4,5,6]XZZ.

00F[3,4,5,6]XZZ Fragmentation in (Central Nervous System and Cranial Nerves), External Approach

The valid fourth character values (body part) that may be selected for this specific circumstance are as follows:

- 3 Epidural Space, Intracranial
- 4 Subdural Space, Intracranial
- 5 Subarachnoid Space, Intracranial
- 6 Cerebral Ventricle

The fragmentation of matter in the spinal canal, Body Part value U, is not included in the noncovered procedure code edit.

Color-Coding/Symbols

New and Revised Text

Changes within the ICD-10-PCS tables, since the last published edition of this manual, are highlighted in two ways:

- **Red font** identifies new or revised text effective April 1, 2024.
- **Green font** identifies new or revised text effective October 1, 2024.

Medicare Code Edits

Medicare administrative contractors (MACs) and many payers use Medicare code edits to check the coding accuracy on claims. The coding edits provided in this manual include only those directly related to ICD-10-PCS codes used for acute care hospital inpatient admissions.

Sex Edit Symbols

Effective October 1, 2024, the Medicare Code Editor (MCE), a program used to detect and report errors in coding claims data, has deactivated the sex conflict edit. There is no longer a female or male edit restriction for ICD-10-PCS codes.

QA Questionable Obstetric Admission

An inpatient admission is considered questionable when a vaginal or cesarean delivery code is assigned without a corresponding secondary diagnosis code describing the outcome of delivery. Both a delivery (ICD-10-PCS) code and an outcome-of-delivery (ICD-10-CM) code must be present to avoid errors in MS-DRG assignment. This symbol is found only in the Obstetrics Section, appearing to the right of the body part (character 4) value.

NC Noncovered Procedure

Medicare does not cover all procedures. However, some noncovered procedures, due to the presence of certain diagnoses, are reimbursed.

LC Limited Coverage

For certain procedures whose medical complexity and serious nature incur extraordinary associated costs, Medicare limits coverage to a portion of the cost. The limited coverage edit indicates the type of limited coverage.

#

3f (Aortic) Bioprosthesis valve *use* Zooplastic Tissue in Heart and Great Vessels

A

Abdominal aortic plexus *use* Abdominal Sympathetic Nerve

Abdominal cavity *use* Peritoneal Cavity

Abdominal esophagus *use* Esophagus, Lower

Abdominohysterectomy *see* Resection, Uterus 0UT9

Abdominoplasty
see Alteration, Abdominal Wall 0W0F
see Repair, Abdominal Wall 0WQF
see Supplement, Abdominal Wall 0WUF

Abductor hallucis muscle
use Foot Muscle, Left
use Foot Muscle, Right

ABECMA® *use* Idecabtagene Vicleucel Immunotherapy

AbioCor® Total Replacement Heart *use* Synthetic Substitute

Ablation
see Control bleeding in
see Destruction

Abortion
 Abortifacient 10A07ZX
 Laminaria 10A07ZW
 Products of Conception 10A0
 Vacuum 10A07Z6

Abrasion *see* Extraction

Absolute Pro Vascular (OTW) Self-Expanding Stent System *use* Intraluminal Device

Accelerate PhenoTest™ BC XXE5XN6

Accessory cephalic vein
use Cephalic Vein, Left
use Cephalic Vein, Right

Accessory obturator nerve *use* Lumbar Plexus

Accessory phrenic nerve *use* Phrenic Nerve

Accessory spleen *use* Spleen

Acculink (RX) Carotid Stent System *use* Intraluminal Device

Acellular Hydrated Dermis *use* Nonautologous Tissue Substitute

Acetabular cup *use* Liner in Lower Joints

Acetabulectomy
see Excision, Lower Bones 0QB
see Resection, Lower Bones 0QT

Acetabulofemoral joint
use Hip Joint, Left
use Hip Joint, Right

Acetabuloplasty
see Repair, Lower Bones 0QQ
see Replacement, Lower Bones 0QR
see Supplement, Lower Bones 0QU

Achilles tendon
use Lower Leg Tendon, Left
use Lower Leg Tendon, Right

Achillorrhaphy *see* Repair, Tendons 0LQ

Achillotenotomy, achillotomy
see Division, Tendons 0L8
see Drainage, Tendons 0L9

Acoustic Pulse Thrombolysis *see* Fragmentation, Artery

Acromioclavicular ligament
use Shoulder Bursa and Ligament, Left
use Shoulder Bursa and Ligament, Right

Acromion (process)
use Scapula, Left
use Scapula, Right

Acromionectomy
see Excision, Upper Joints 0RB
see Resection, Upper Joints 0RT

Acromioplasty
see Repair, Upper Joints 0RQ
see Replacement, Upper Joints 0RR
see Supplement, Upper Joints 0RU

ACTEMRA® *use* Tocilizumab

Activa PC neurostimulator *use* Stimulator Generator, Multiple Array in 0JH

Activa RC neurostimulator *use* Stimulator Generator, Multiple Array Rechargeable in 0JH

Activa SC neurostimulator *use* Stimulator Generator, Single Array in 0JH

Activities of Daily Living Assessment F02

Activities of Daily Living Treatment F08

ACUITY™ Steerable Lead
use Cardiac Lead, Defibrillator in 02H
use Cardiac Lead, Pacemaker in 02H

Acupuncture
 Breast
 Anesthesia 8E0H300
 No Qualifier 8E0H30Z
 Integumentary System
 Anesthesia 8E0H300
 No Qualifier 8E0H30Z

Adductor brevis muscle
use Upper Leg Muscle, Left
use Upper Leg Muscle, Right

Adductor hallucis muscle
use Foot Muscle, Left
use Foot Muscle, Right

Adductor longus muscle
use Upper Leg Muscle, Left
use Upper Leg Muscle, Right

Adductor magnus muscle
use Upper Leg Muscle, Left
use Upper Leg Muscle, Right

Adductor pollicis muscle
use Hand Muscle, Left
use Hand Muscle, Right

Adenohypophysis *use* Pituitary Gland

Adenoidectomy
see Excision, Adenoids 0CBQ
see Resection, Adenoids 0CTQ

Adenoidotomy *see* Drainage, Adenoids 0C9Q

Adhesiolysis *see* Release

Adhesive Ultrasound Patch Technology, Blood Flow XX25X0A

Administration
 Blood products *see* Transfusion
 Other substance *see* Introduction of substance in or on

Adrenalectomy
see Excision, Endocrine System 0GB
see Resection, Endocrine System 0GT

Adrenalorrhaphy *see* Repair, Endocrine System 0GQ

Adrenotomy *see* Drainage, Endocrine System 0G9

Advancement
see Reposition
see Transfer

Advisa (MRI) *use* Pacemaker, Dual Chamber in 0JH

afami-cel *use* Afamitresgene Autoleucel Immunotherapy

Afamitresgene Autoieucel Immunotherapy XW0

AFX® Endovascular AAA System *use* Intraluminal Device

AGENT™ Paclitaxel-Coated Balloon *see* New Technology, Anatomical Regions XW0

AGN1 Bone Void Filler XW0V3WA

Ajdoc Briefcase for PE (pulmonary embolism) XXE3X27

AIGISRx Antibacterial Envelope *use* Anti-Infective Envelope

Alar ligament of axis *use* Head and Neck Bursa and Ligament

Alifapump® system *use* Other Device

Alfieri Stitch Valvuloplasty *see* Restriction, Valve, Mitral 02VG

Alimentation *see* Introduction of substance in or on

ALPPS (Associating liver partition and portal vein ligation)
see Division, Hepatobiliary System and Pancreas 0F8
see Resection, Hepatobiliary System and Pancreas 0FT

Alteration
 Abdominal Wall 0W0F
 Ankle Region
 Left 0Y0L
 Right 0Y0K
 Arm
 Lower
 Left 0X0F
 Right 0X0D
 Upper
 Left 0X09
 Right 0X08
 Axilla
 Left 0X05
 Right 0X04

Alteration — continued

Back
 Lower 0W0L
 Upper 0W0K

Breast
 Bilateral 0H0V
 Left 0H0U
 Right 0H0T

Buttock
 Left 0Y01
 Right 0Y00

Chest Wall 0W08

Ear
 Bilateral 0902
 Left 0901
 Right 0900

Elbow Region
 Left 0X0C
 Right 0X0B

Extremity
 Lower
 Left 0Y0B
 Right 0Y09
 Upper
 Left 0X07
 Right 0X06

Eyelid
 Lower
 Left 080R
 Right 080Q
 Upper
 Left 080P
 Right 080N

Face 0W02

Head 0W00

Jaw
 Lower 0W05
 Upper 0W04

Knee Region
 Left 0Y0G
 Right 0Y0F

Leg
 Lower
 Left 0Y0J
 Right 0Y0H
 Upper
 Left 0Y0D
 Right 0Y0C

Lip
 Lower 0C01X
 Upper 0C00X

Nasal Mucosa and Soft Tissue 090K

Neck 0W06

Perineum
 Female 0W0N
 Male 0W0M

Shoulder Region
 Left 0X03
 Right 0X02

Subcutaneous Tissue and Fascia
 Abdomen 0J08
 Back 0J07
 Buttock 0J09
 Chest 0J06
 Face 0J01
 Lower Arm
 Left 0J0H
 Right 0J0G
 Lower Leg
 Left 0J0P
 Right 0J0N
 Neck
 Left 0J05
 Right 0J04
 Upper Arm
 Left 0J0F
 Right 0J0D
 Upper Leg
 Left 0J0M
 Right 0J0L

Wrist Region
 Left 0X0H
 Right 0X0G

Alveolar process of mandible
use Mandible, Left
use Mandible, Right

Alveolar process of maxilla *use* Maxilla

Alveolectomy
see Excision, Head and Facial Bones 0NB

Heart and Great Vessels 021-02Y

Character Meanings

This Character Meaning table is provided as a guide to assist the user in the identification of character members that may be found in this section of code tables. It **SHOULD NOT** be used to build a PCS code.

Operation-Character 3	Body Part-Character 4	Approach-Character 5	Device-Character 6	Qualifier-Character 7
1 Bypass	0 Coronary Artery, One Artery	0 Open	0 Monitoring Device, Pressure Sensor	0 Allogeneic OR Ultrasonic
4 Creation	1 Coronary Artery, Two Arteries	3 Percutaneous	2 Monitoring Device	1 Syngeneic
5 Destruction	2 Coronary Artery, Three Arteries	4 Percutaneous Endoscopic	3 Infusion Device	2 Zooplastic OR Common Atrioventricular Valve
7 Dilation	3 Coronary Artery, Four or More Arteries	X External	4 Intraluminal Device, Drug-eluting	3 Coronary Artery
8 Division	4 Coronary Vein		5 Intraluminal Device, Drug-eluting, Two	4 Coronary Vein
B Excision	5 Atrial Septum		6 Intraluminal Device, Drug-eluting, Three	5 Coronary Circulation
C Extirpation	6 Atrium, Right		7 Intraluminal Device, Drug-eluting, Four or More OR Autologous Tissue Substitute	6 Bifurcation OR Atrium, Right
F Fragmentation	7 Atrium, Left		8 Zooplastic Tissue	7 Atrium, Left OR Orbital Atherectomy Technique
H Insertion	8 Conduction Mechanism		9 Autologous Venous Tissue	8 Internal Mammary, Right
J Inspection	9 Chordae Tendineae		A Autologous Arterial Tissue	9 Internal Mammary, Left
K Map	A Heart		C Extraluminal Device	A Innominate Artery
L Occlusion	B Heart, Right		D Intraluminal Device	B Subclavian
N Release	C Heart, Left		E Intraluminal Device, Two OR Intraluminal Device, Branched or Fenestrated, One or Two Arteries	C Thoracic Artery
P Removal	D Papillary Muscle		F Intraluminal Device, Three OR Intraluminal Device, Branched or Fenestrated, Three or More Arteries	D Carotid
Q Repair	F Aortic Valve		G Intraluminal Device, Four or More	E Atrioventricular Valve, Left
R Replacement	G Mitral Valve		J Synthetic Substitute OR Cardiac Lead, Pacemaker	F Abdominal Artery OR Irreversible Electroporation
S Reposition	H Pulmonary Valve		K Nonautologous Tissue Substitute OR Cardiac Lead, Defibrillator	G Atrioventricular Valve, Right OR Axillary Artery
T Resection	J Tricuspid Valve		L Biologic with Synthetic Substitute, Autoregulated Electrohydraulic	H Transapical OR Brachial Artery
U Supplement	K Ventricle, Right		M Cardiac Lead OR Synthetic Substitute, Pneumatic	J Truncal Valve OR Temporary OR Intraoperative
V Restriction	L Ventricle, Left		N Intracardiac Pacemaker	K Left Atrial Appendage
W Revision	M Ventricular Septum		Q Implantable Heart Assist System	L In Existing Conduit
Y Transplantation	N Pericardium		R Short-term External Heart Assist System	M Native Site
	P Pulmonary Trunk		T Intraluminal Device, Radioactive	N Rapid Deployment Technique
	Q Pulmonary Artery, Right		Y Other Device	P Pulmonary Trunk
	R Pulmonary Artery, Left		Z No Device	Q Pulmonary Artery, Right
	S Pulmonary Vein, Right			R Pulmonary Artery, Left
	T Pulmonary Vein, Left			S Pulmonary Vein, Right OR Biventricular
	V Superior Vena Cava			T Pulmonary Vein, Left OR Ductus Arteriosus
	W Thoracic Aorta, Descending			U Pulmonary Vein, Confluence
	X Thoracic Aorta, Ascending/ Arch			V Lower Extremity Artery
	Y Great Vessel			W Aorta
				X Diagnostic
				Z No Qualifier

0 Medical and Surgical
2 Heart and Great Vessels
1 Bypass

Definition: Altering the route of passage of the contents of a tubular body part

Explanation: Rerouting contents of a body part to a downstream area of the normal route, to a similar route and body part, or to an abnormal route and dissimilar body part. Includes one or more anastomoses, with or without the use of a device.

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
0 Coronary Artery, One Artery 1 Coronary Artery, Two Arteries 2 Coronary Artery, Three Arteries 3 Coronary Artery, Four or More Arteries	0 Open	8 Zooplastic Tissue 9 Autologous Venous Tissue A Autologous Arterial Tissue J Synthetic Substitute K Nonautologous Tissue Substitute	3 Coronary Artery 8 Internal Mammary, Right 9 Internal Mammary, Left C Thoracic Artery F Abdominal Artery W Aorta
0 Coronary Artery, One Artery 1 Coronary Artery, Two Arteries 2 Coronary Artery, Three Arteries 3 Coronary Artery, Four or More Arteries	0 Open	Z No Device	3 Coronary Artery 8 Internal Mammary, Right 9 Internal Mammary, Left C Thoracic Artery F Abdominal Artery
0 Coronary Artery, One Artery 1 Coronary Artery, Two Arteries 2 Coronary Artery, Three Arteries 3 Coronary Artery, Four or More Arteries	3 Percutaneous	4 Intraluminal Device, Drug-eluting D Intraluminal Device	4 Coronary Vein
0 Coronary Artery, One Artery 1 Coronary Artery, Two Arteries 2 Coronary Artery, Three Arteries 3 Coronary Artery, Four or More Arteries	4 Percutaneous Endoscopic	4 Intraluminal Device, Drug-eluting D Intraluminal Device	4 Coronary Vein
0 Coronary Artery, One Artery 1 Coronary Artery, Two Arteries 2 Coronary Artery, Three Arteries 3 Coronary Artery, Four or More Arteries	4 Percutaneous Endoscopic	8 Zooplastic Tissue 9 Autologous Venous Tissue A Autologous Arterial Tissue J Synthetic Substitute K Nonautologous Tissue Substitute	3 Coronary Artery 8 Internal Mammary, Right 9 Internal Mammary, Left C Thoracic Artery F Abdominal Artery W Aorta
0 Coronary Artery, One Artery 1 Coronary Artery, Two Arteries 2 Coronary Artery, Three Arteries 3 Coronary Artery, Four or More Arteries	4 Percutaneous Endoscopic	Z No Device	3 Coronary Artery 8 Internal Mammary, Right 9 Internal Mammary, Left C Thoracic Artery F Abdominal Artery
6 Atrium, Right Atrium dextrum cordis Right auricular appendix Sinus venosus	0 Open 4 Percutaneous Endoscopic	8 Zooplastic Tissue 9 Autologous Venous Tissue A Autologous Arterial Tissue J Synthetic Substitute K Nonautologous Tissue Substitute	P Pulmonary Trunk Q Pulmonary Artery, Right R Pulmonary Artery, Left
6 Atrium, Right Atrium dextrum cordis Right auricular appendix Sinus venosus	0 Open 4 Percutaneous Endoscopic	Z No Device	7 Atrium, Left P Pulmonary Trunk Q Pulmonary Artery, Right R Pulmonary Artery, Left
6 Atrium, Right Atrium dextrum cordis Right auricular appendix Sinus venosus	3 Percutaneous	Z No Device	7 Atrium, Left
7 Atrium, Left Atrium pulmonale Left auricular appendix	0 Open 4 Percutaneous Endoscopic	8 Zooplastic Tissue 9 Autologous Venous Tissue A Autologous Arterial Tissue J Synthetic Substitute K Nonautologous Tissue Substitute Z No Device	P Pulmonary Trunk Q Pulmonary Artery, Right R Pulmonary Artery, Left S Pulmonary Vein, Right T Pulmonary Vein, Left U Pulmonary Vein, Confluence
7 Atrium, Left Atrium pulmonale Left auricular appendix	3 Percutaneous	J Synthetic Substitute	6 Atrium, Right
K Ventricle, Right Conus arteriosus L Ventricle, Left	0 Open 4 Percutaneous Endoscopic	8 Zooplastic Tissue 9 Autologous Venous Tissue A Autologous Arterial Tissue J Synthetic Substitute K Nonautologous Tissue Substitute	P Pulmonary Trunk Q Pulmonary Artery, Right R Pulmonary Artery, Left

- HAC** 021[0,1,2,3]0[8,9,A,J,K][3,8,9,C,F,W] when reported with SDx J98.51 or J98.59
- HAC** 021[0,1,2,3]0Z[3,8,9,C,F] when reported with SDx J98.51 or J98.59
- HAC** 021[0,1,2,3]4[8,9,A,J,K][3,8,9,C,F,W] when reported with SDx J98.51 or J98.59
- HAC** 021[0,1,2,3]4Z[3,8,9,C,F] when reported with SDx J98.51 or J98.59

021 Continued on next page

Ø **Medical and Surgical**
J Subcutaneous Tissue and Fascia

W Revision Definition: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a displaced device
Explanation: Revision can include correcting a malfunctioning or displaced device by taking out or putting in components of the device such as a screw or pin

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
S Subcutaneous Tissue and Fascia, Head and Neck	Ø Open 3 Percutaneous	Ø Drainage Device 3 Infusion Device 7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute N Tissue Expander Y Other Device	Z No Qualifier
S Subcutaneous Tissue and Fascia, Head and Neck	X External	Ø Drainage Device 3 Infusion Device 7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute N Tissue Expander	Z No Qualifier
T Subcutaneous Tissue and Fascia, Trunk External oblique aponeurosis Transversalis fascia	Ø Open 3 Percutaneous	Ø Drainage Device 2 Monitoring Device 3 Infusion Device 7 Autologous Tissue Substitute F Subcutaneous Defibrillator Lead H Contraceptive Device J Synthetic Substitute K Nonautologous Tissue Substitute M Stimulator Generator N Tissue Expander P Cardiac Rhythm Related Device V Infusion Device, Pump W Vascular Access Device, Totally Implantable X Vascular Access Device, Tunneled Y Other Device	Z No Qualifier
T Subcutaneous Tissue and Fascia, Trunk External oblique aponeurosis Transversalis fascia	X External	Ø Drainage Device 2 Monitoring Device 3 Infusion Device 7 Autologous Tissue Substitute F Subcutaneous Defibrillator Lead H Contraceptive Device J Synthetic Substitute K Nonautologous Tissue Substitute M Stimulator Generator N Tissue Expander P Cardiac Rhythm Related Device V Infusion Device, Pump W Vascular Access Device, Totally Implantable X Vascular Access Device, Tunneled	Z No Qualifier
V Subcutaneous Tissue and Fascia, Upper Extremity W Subcutaneous Tissue and Fascia, Lower Extremity	Ø Open 3 Percutaneous	Ø Drainage Device 3 Infusion Device 7 Autologous Tissue Substitute H Contraceptive Device J Synthetic Substitute K Nonautologous Tissue Substitute N Tissue Expander V Infusion Device, Pump W Vascular Access Device, Totally Implantable X Vascular Access Device, Tunneled Y Other Device	Z No Qualifier
V Subcutaneous Tissue and Fascia, Upper Extremity W Subcutaneous Tissue and Fascia, Lower Extremity	X External	Ø Drainage Device 3 Infusion Device 7 Autologous Tissue Substitute H Contraceptive Device J Synthetic Substitute K Nonautologous Tissue Substitute N Tissue Expander V Infusion Device, Pump W Vascular Access Device, Totally Implantable X Vascular Access Device, Tunneled	Z No Qualifier

DRG Non-OR ØJWS[Ø,3][Ø,3,7,J,K,N,YZ

DRG Non-OR ØJWT[Ø,3][Ø,3,7,H,J,K,M,N,V,W,X]Z

DRG Non-OR ØJWXMZ

DRG Non-OR ØJW[V,W][Ø,3][Ø,3,7,H,J,K,N,V,W,X,Y]Z

Non-OR ØJWSX[Ø,3,7,J,K,N]Z

Non-OR ØJWT3YZ

Non-OR ØJWTX[Ø,2,3,7,F,H,J,K,N,P,V,W,X]Z

Non-OR ØJW[V,W]X[Ø,3,7,H,J,K,N,V,W,X]Z

HAC ØJWT[Ø,3][F,P]Z when reported with SDx K68.11 or T81.4Ø-T81.49, T82.7 with 7th character A

HAC ØJWTFZ when reported with SDx K68.11, or T81.4Ø-T81.49, T82.7 with 7th character A

0 Medical and Surgical
X Anatomical Regions, Upper Extremities
U Supplement Definition: Putting in or on biological or synthetic material that physically reinforces and/or augments the function of a portion of a body part
 Explanation: The biological material is non-living, or is living and from the same individual. The body part may have been previously replaced, and the SUPPLEMENT procedure is performed to physically reinforce and/or augment the function of the replaced body part.

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
2 Shoulder Region, Right 3 Shoulder Region, Left 4 Axilla, Right 5 Axilla, Left 6 Upper Extremity, Right 7 Upper Extremity, Left 8 Upper Arm, Right 9 Upper Arm, Left B Elbow Region, Right C Elbow Region, Left D Lower Arm, Right F Lower Arm, Left G Wrist Region, Right H Wrist Region, Left J Hand, Right K Hand, Left L Thumb, Right M Thumb, Left N Index Finger, Right P Index Finger, Left Q Middle Finger, Right R Middle Finger, Left S Ring Finger, Right T Ring Finger, Left V Little Finger, Right W Little Finger, Left	0 Open 4 Percutaneous Endoscopic	7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute	Z No Qualifier

0 Medical and Surgical
X Anatomical Regions, Upper Extremities
W Revision Definition: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a displaced device
 Explanation: Revision can include correcting a malfunctioning or displaced device by taking out or putting in components of the device such as a screw or pin

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
6 Upper Extremity, Right 7 Upper Extremity, Left	0 Open 3 Percutaneous 4 Percutaneous Endoscopic X External	0 Drainage Device 3 Infusion Device 7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute Y Other Device	Z No Qualifier
DRG Non-OR	0XW[6,7][0,3,4][0,3,7,J,K,Y]Z		
Non-OR	0XW[6,7]X[0,3,7,J,K,Y]Z		

0 Medical and Surgical
X Anatomical Regions, Upper Extremities
X Transfer Definition: Moving, without taking out, all or a portion of a body part to another location to take over the function of all or a portion of a body part
 Explanation: The body part transferred remains connected to its vascular and nervous supply

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
N Index Finger, Right	0 Open	Z No Device	L Thumb, Right
P Index Finger, Left	0 Open	Z No Device	M Thumb, Left

0 Medical and Surgical
X Anatomical Regions, Upper Extremities
Y Transplantation Definition: Putting in or on all or a portion of a living body part taken from another individual or animal to physically take the place and/or function of all or a portion of a similar body part
 Explanation: The native body part may or may not be taken out, and the transplanted body part may take over all or a portion of its function

Body Part Character 4	Approach Character 5	Device Character 6	Qualifier Character 7
J Hand, Right	0 Open	Z No Device	0 Allogeneic
K Hand, Left			1 Syngeneic

Appendix I: Substance Key/Substance Definitions

Substance Key

This table crosswalks a specific substance, listed by trade name or synonym, to the PCS value that would be used to represent that substance in either the Administration or New Technology section. The ICD-10-PCS value may be located in either the 6th-character Substance column or the 7th-character Qualifier column depending on the section/table to which it is classified. The most specific character is listed in the table.

This **NT** symbol next to a substance/technology in the Trade Name or Synonym column identifies that the substance/technology has been approved for NTAP (new technology add-on payment). CMS provides incremental payment, in addition to the DRG payment, for technologies that have received an NTAP designation.

Substances denoted by an asterisk (*) in the Trade Name or Synonym column, although not included in the official ICD-10-PCS classification, were added based on information provided in the IPPS proposed and final rules.

Trade Name or Synonym	ICD-10-PCS Value	PCS Section
ABECMA®	Idecabtagene Vicleucel Immunotherapy (K)	New Technology (XW0)
ACTEMRA®	Tocilizumab (H)	New Technology (XW0)
afami-cel	Afamitresgene Autoleucel Immunotherapy (6)	New Technology (XW0)
AIGISRx Antibacterial Envelope	Anti-Infective Envelope (A)	Administration (3E0)
AMTAGVI™	Lifileucel Immunotherapy (L)	New Technology (XW0)
Andexanet Alfa, Factor Xa Inhibitor Reversal Agent	Coagulation Factor Xa, Inactivated (7)	New Technology (XW0)
Andexxa	Coagulation Factor Xa, Inactivated (7)	New Technology (XW0)
Angiotensin II	Vasopressor (X)	Administration (3E0)
Antibacterial Envelope (TYRX) (AIGISRx)	Anti-Infective Envelope (A)	Administration (3E0)
Antimicrobial envelope	Anti-Infective Envelope (A)	Administration (3E0)
Anti-SARS-CoV-2 hyperimmune globulin	Hyperimmune Globulin (E)	New Technology (XW0)
Apalutamide Antineoplastic	Other Antineoplastic (5)	Administration (3E0)
AVYCAZ® (ceftazidime-avibactam)	Other Anti-infective (9)	Administration (3E0)
Axicabtagene Ciloleucel	Axicabtagene Ciloleucel Immunotherapy (H)	New Technology (XW0)
AZEDRA®	Lobenguanine I-131 Antineoplastic (S)	New Technology (XW0)
Balversa™ (Erdafitinib Antineoplastic)	Other Antineoplastic (5)	Administration (3E0)
beti-cel	Betibeglogene Autotemcel (B)	New Technology (XW1)
Blinatumomab	Other Antineoplastic (5)	Administration (3E0)
BLINCYTO® (blinatumomab)	Other Antineoplastic (5)	Administration (3E0)
Bone morphogenetic protein 2 (BMP 2)	Recombinant Bone Morphogenetic Protein (B)	Administration (3E0)
Brexucabtagene Autoleucel	Brexucabtagene Autoleucel Immunotherapy (4)	New Technology (XW0)
Breyanzi®	Lisocabtagene Maraleucel Immunotherapy (N)	New Technology (XW0)
Bromelain-enriched Proteolytic Enzyme	Anacaulase-bcdb (2)	New Technology (XW0)
*CABLIVI®	Caplacizumab (W)	New Technology (XW0)
CARVYKTI™	Ciltacabtagene Autoleucel (A)	New Technology (XW0)
CASGEVY™	Exagamglogene Autotemcel (J)	New Technology (XW1)
Casirivimab (REGN10933) and Imdevimab (REGN10987)	REGN-COV2 Monoclonal Antibody (G)	New Technology (XW0)
CBMA (Concentrated Bone Marrow Aspirate)	Other Substance (C)	Administration (3E0)
Ceftazidime-avibactam	Other Anti-infective (9)	Administration (3E0)
CERAMENT® G	NT Antibiotic-eluting Bone Void Filler (P)	New Technology (XW0)
cilta-cel	Ciltacabtagene Autoleucel (A)	New Technology (XW0)
Clolar	Clofarabine (P)	Administration (3E0)
Columvi™	NT Glofitamab Antineoplastic (P)	New Technology (XW0)
Coagulation Factor Xa, (Recombinant) Inactivated	Coagulation Factor Xa, Inactivated (7)	New Technology (XW0)
COMIRNATY®	COVID-19 Vaccine (U) COVID-19 Vaccine Dose 2 (T) COVID-19 Booster (W) COVID-19 Vaccine Dose 3 (V) COVID-19 Vaccine Dose 1 (S)	New Technology (XW0)
CONTEPO™ (Fosfomycin Anti-infective)	Other Anti-infective (9)	Administration (3E0)
COSELA™	Trilaciclib (7)	New Technology (XW0)
CRESEMBA® (isavuconazonium sulfate)	Other Anti-infective (9)	Administration (3E0)
CTX001™	Exagamglogene Autotemcel (J)	New Technology (XW1)
Darzalex Faspro®	Daratumumab and Hyaluronidase-fihj (1)	New Technology (XW0)
DefenCath™	NT Taurolidine Anti-infective and Heparin Anticoagulant (2)	New Technology (XY0)
Defitelio	Other Substance (C)	Administration (3E0)
Dnase (Deoxyribonuclease)	Other Substance (C)	Administration (3E0)
DuraGraft® Endothelial Damage Inhibitor	Endothelial Damage Inhibitor (8)	New Technology (XY0)
EBVALLO™	Tabelecleucel Immunotherapy (7)	New Technology (XW0)
ELREXFIO™	Erlanratamab Antineoplastic (L)	New Technology (XW0)
ELZONRIS™	Tagraxofusp-erzs Antineoplastic (Q)	New Technology (XW0)
ENSPRYNG™	Satralizumab-mwge (9)	New Technology (XW0)